

REISSUE APPLICATION DECLARATION BY THE INVENTOR

Docket Number (Optional)

GE-001-RE

As a below named inventor, I hereby declare that:

My residence, mailing address and citizenship are stated below next to my name.

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is described and claimed

in patent number 6,122,015, granted 19 September 2000, and for which a reissue patent is sought on the invention METHOD AND APPARATUS FOR FILTERING DIGITAL

TELEVISION SIGNALS

the specification of which

☒ is attached hereto.

☐ was filed on _____ as reissue application number _____ / _____
and was amended _____
(If applicable)

I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR 1.56.

I verily believe the original patent to be wholly or partly inoperative or invalid, for the reasons described below. (Check all boxes that apply.)

☐ by reason of a defective specification or drawing.

☒ by reason of the patentee claiming more or less than he had the right to claim in the patent.

☐ by reason of other errors.

At least one error upon which reissue is based is described below. If the reissue is a broadening reissue, such must be stated with an explanation as to the nature of the broadening:

U.S. Patent 6,122,015 ('015 patent) is partly inoperative or invalid because the claims are narrower than they should be in view of the '015 patent's disclosure and the prior art of record. Claims 1-24 of the patent are directed to a system and method for filtering digital television signals that included a transmitter and a receiver. Broadening of the claims with regard to the system or apparatus for transmitting digital signals, the system or apparatus for processing received digital signals, the nature of transmitting and the nature of receiving digital signals is appropriate.

(REISSUE APPLICATION DECLARATION BY THE INVENTOR, page 2)

Docket Number (Optional)

GE-001-RE

All errors corrected in this reissue application arose without any deceptive intention on the part of the applicant. As a named inventor, I hereby appoint the following attorney(s) and/or agent(s) to prosecute this application and transact all business in the United States Patent and Trademark Office connected therewith.

Name(s) Registration Number

Any attorney associated with Customer No. 28581

Peter Emanuel - Registration No. 26,542

Correspondence Address: Direct all communications about the application to:

☒ Customer Number

28581

Type Customer Number here

Place Customer Number Bar
Code Label here☐ Firm or
Individual Name

Address

Address

City

State

Zip

Country

Telephone

Fax

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine and imprisonment, or both, under 18 U.S.C. 1001, and that such willful false statements may jeopardize the validity of the application, any patent issuing thereon, or any patent to which this declaration is directed.

Full name of sole or first inventor (given name, family)

Naofal Mohammed Wassel Al-Dhahir

Inventor's signature N. M. W. Al-Dhahir

Date 10/1/2002

Residence 1197 Hillside Avenue, B41, Niskayuna, NY 12309
105 HARTER ROAD, MORRISTOWN, NJ 07960

Citizenship IRAC USA

N. Al-Dhahir
10/1/2002Mailing Address 1197 Hillside Avenue, B41, Niskayuna, NY 12309
105 HARTER ROAD, MORRISTOWN, NJ 07960N. Al-Dhahir
10/1/2002

Full name of second joint inventor (given name, family name)

John Erik Hershey

Inventor's signature

Date 9/27/2002

Residence 4 Vines Road, Ballston Lake, NY 12019

Citizenship USA

Mailing Address 4 Vines Road, Ballston Lake, NY 12019

Full name of third joint inventor (given name, family name)

Nick Andrew Van Stralgen

Inventor's signature

Date 9/30/02

Residence 1025 Tollgate Lane, Schenectady, NY 12303

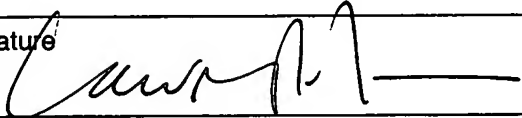
Citizenship CANADA

Mailing Address 1025 Tollgate Lane, Schenectady, NY 12303

☒ Additional joint inventors are named on separately numbered sheets attached hereto.

Full name of fourth joint inventor (given name, family name)	
Richard Louis Frey	
Inventor's signature <i>Richard Louis Frey</i>	Date 9/30/02
Residence 7262 Skyline Drive, Delanson, NY 12053	Citizenship USA
Mailing Address 7262 Skyline Drive, Delanson, NY 12053	
Full name of fifth joint inventor (given name, family name)	
Mark Lewis Grabb	
Inventor's signature <i>Mark Lewis Grabb</i>	Date 9/27/02
Residence 726 Longcreek Drive, Burnt Hills, NY 12027	Citizenship USA
Mailing Address 726 Longcreek Drive, Burnt Hills, NY 12027	

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

REISSUE APPLICATION: CONSENT OF ASSIGNEE; STATEMENT OF NON-ASSIGNMENT		Docket Number (Optional) GE-001-RE
<p>This is part of the application for a reissue patent based on the original patent identified below.</p>		
Name of Patentee(s) <u>Al-Dhahir et al.</u>		
Patent Number <u>6,122,015</u>	Date Patent Issued <u>19 September 2000</u>	
Title of <u>METHOD AND APPARATUS FOR FILTERING DIGITAL TELEVISION SIGNALS</u>		
<p>1. <input checked="" type="checkbox"/> Filed herein is a statement under 37 CFR 3.73(b). (Form PTO/SB/96)</p> <p>2. <input type="checkbox"/> Ownership of the patent is in the inventor(s), and no assignment of the patent is in effect.</p> <p>One of boxes 1 or 2 above must be checked. If multiple assignees, complete this form for each assignee. If box 2 is checked, skip the next entry and go directly to "Name of Assignee".</p> <p>The written consent of all assignees and inventors owning an undivided interest in the original patent is included in this application for reissue.</p>		
<p>The assignee(s) owning an undivided interest in said original patent is/are <u>General Electric Company</u>, and the assignee(s) consents to the accompanying application for reissue.</p>		
Name of assignee/inventor (if not assigned) <u>General Electric Company</u>		
Signature 	Date <u>12/6/02</u>	
Typed or printed name and title of person signing for assignee (if assigned) <u>LAWRENCE P. TU</u> <u>VICE - PRESIDENT</u>		

Burden Hour Statement: This form is estimated to take 0.1 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

STATEMENT UNDER 37 CFR 3.73(b)Applicant/Patent Owner: General Electric CompanyApplication No./Patent No.: 6,122,015 Filed/Issue Date: September 19, 2000Entitled: METHOD AND APPARATUS FOR FILTERING DIGITAL TELEVISION SIGNALSGeneral Electric Company, a New York Corporation

(Name of Assignee)

(Type of Assignee, e.g., corporation, partnership, university, government agency, etc.)

states that it is:

1. ☒ the assignee of the entire right, title, and interest; or
2. ☐ an assignee of less than the entire right, title and interest.
The extent (by, percentage) of its ownership interest is _____ %

in the patent application/patent identified above by virtue of either:

- A. ☒ An assignment from the inventor(s) of the patent application/patent identified above. The assignment was recorded in the United States Patent and Trademark Office at Reel 9869, Frame 0642, or for which a copy thereof is attached.

OR

- B. ☐ A chain of title from the inventor(s), of the patent application/patent identified above, to the current assignee as shown below:

1. From: _____ To: _____
The document was recorded in the United States Patent and Trademark Office at
Reel _____, Frame _____, or for which a copy thereof is attached.

2. From: _____ To: _____
The document was recorded in the United States Patent and Trademark Office at
Reel _____, Frame _____, or for which a copy thereof is attached.

3. From: _____ To: _____
The document was recorded in the United States Patent and Trademark Office at
Reel _____, Frame _____, or for which a copy thereof is attached.

☐ Additional documents in the chain of title are listed on a supplemental sheet.

☒ Copies of assignments or other documents in the chain of title are attached.

[NOTE: A separate copy (i.e., the original assignment document or a true copy of the original document) must be submitted to Assignment Division in accordance with 37 CFR Part 3, if the assignment is to be recorded in the records of the USPTO. See MPEP 302.08]

The undersigned (whose title is supplied below) is authorized to act on behalf of the assignee.

12/6/02
Date

LAWRENCE P.
Typed or printed name
[Signature]
Signature
VICE PRESIDENT
Title

04-12-1999

Docket No. RD-26,244FORM PTO 1595
1-31-92

FR SHEET

U.S. DEPARTMENT OF COMMERCE
Patent and Trademark Office

101006035

To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):

Naofal MW Al-Dhahir; John E. Hershey; Rick
Van Stralen; Richard L. Frey; Mark L. GrabbAdditional name(s) of conveying party(ies) attached? ☐ Yes ☒ No

2. Name and address of receiving party(ies):

Name: General Electric Company

Internal Address: _____

Street Address: One River RoadCity: Schenectady State: NY ZIP: 12345Additional name(s) & address(es) attached? ☐ Yes ☒ No

3. Nature of conveyance:

☒ Assignment☐ Merger☐ Security Agreement☐ Change of Name☐ Other

Dec 1, 1998

Dec 1, 1998

Execution Date.

Dec 1, 1998

Jan 5, 1999

Dec 1, 1998

4. Application number(s) or patent number(s):

If this document is being filed together with a new application, the execution date of the application is:

Dec 1, 1998

Dec 1, 1998

Dec 1, 1998

Jan 5, 1999

Dec 1, 1998

A. Patent Application No.(s)

09/206,409

B. Patent No.(s)

Additional numbers attached? ☐ Yes ☒ No

5. Name and address of party to whom correspondence concerning document should be mailed:

Name: General Electric CompanyInternal Address: CRD Patent Docket Rm. 4A59Bldg. K-1, SalamoneP.O. Box 8Street Address: One Research CircleCity: Schenectady State: NY ZIP: 12301

6. Total number of applications and patents involved:

1

7. Total fee (37 CFR 3.41).....\$40.00

☐ Enclosed☒ Authorized to be charged to deposit account

8. Deposit account number:

07-0868

DO NOT USE THIS SPACE

9. Statement and signature.

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

Christine Johnson

Name of Person Signing

Signature

March 29, 1999

Total number of pages including cover sheet, attachments and document

4

OMB No. 0651-0011 (exp 4/94)

Do Not detach this portion

Mail documents to be recorded with required cover sheet information to:

Commissioner of Patents and Trademarks
Box Assignments
Washington, D.C. 20231Deposited with the United States Postal Service
with sufficient postage as first class mail in an
envelope addressed to: Assistant Commissioner
for Patents, Washington, D.C. 20231, on

PATENT

REEL: 9869 FRAME: 0642

BEST AVAILABLE COPY

ASSIGNMENT

Docket Number
RD-26,244

In consideration of One Dollar and Other good and valuable consideration, of which I acknowledge receipt, I (we)

Naofal Mohammed Wassel Al-Dhahir	of Niskayuna, NY
John Erik Hershey	of Ballston Lake, NY
Nick Andrew Van Stralen	of Schenectady, NY
Richard Louis Frey	of Delanson, NY
Mark Lewis Grabb	of Burnt Hills, NY
	of
	of
	of
	of
	of
	of
	of
	of
	of
	of

sell and assign to General Electric Company, a New York Corporation, its successors and assigns the entire right, title and interest in and to the improvements in:

METHOD AND APPARATUS FOR FILTERING DIGITAL TELEVISION SIGNALS

invented by me (us), as described in the application for United States patent

☐ executed concurrently herewith, or
☒ U.S. Serial No.: 09/206,409, filed 12/07/98

and any and all applications for patent and patents therefor in any and all countries, including all divisions, reissues, continuations and extensions thereof, and all rights of priority resulting from the filing of said United States application, and authorize and request any official whose duty it is to issue patents, to issue any patents on said improvements or resulting therefrom to said General Electric Company, or its successors or assigns and agree that on request and without further consideration, but at the expense of said Company, I will communicate to said Company or its representatives or nominees any facts known to me respecting said improvements and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuing and reissue applications, make all rightful oaths and generally do everything possible to aid said Company, its successors, assigns, and nominees to obtain and enforce proper patent protection for said improvements in all countries.

NAOFAL MOHAMMED WASSEL AL-DHAHIR

12 / 1 / 98
Date

N. M. W. Al-Dh.
Naofal Mohammed Wassel Al-Dhahir

State of NEW YORK) SS:

County of SCHENECTADY)

This 13th day of December, 19 98, before me personally came the

above-named Naofal Mohammed Wassel Al-Dhahir to me personally known as the individual who executed the foregoing assignment, who acknowledged to me that he/she executed the same of his/her own free will for the purposes therein set forth.

Seal

JOANNE A. SMITH
Notary Public in the State of New York
Qualified in Schenectady Co.
No. 015MS068833

Joanne A. Smith
(Notary Public)

My Commission Expires Nov. 6, 2000
Page 1 of 3

ASSIGNMENT

Docket Number
RD-26,244

12/1/98
Date

John Erik Hershey
John Erik Hershey

State of NEW YORK) SS:

County of SCHENECTADY)

This 1st day of December, 1998, before me personally came
the above-named John Erik Hershey to me personally known as the
individual who executed the foregoing assignment, who acknowledged to me that he/she executed the
same of his/her own free will for the purposes therein set forth.

JOANNE A. SMITH
Notary Public in the State of New York
Qualified in Schenectady Co.
No. 01SM5068633
My Commission Expires Nov. 4, 2000

Seal

Joanne A. Smith
(Notary Public)

December 1, 1998
Date

Nick Andrew Van Stralen
Nick Andrew Van Stralen

State of NEW YORK) SS:

County of SCHENECTADY)

This 1st day of December, 1998, before me personally came
the above-named Nick Andrew Van Stralen to me personally known as the
individual who executed the foregoing assignment, who acknowledged to me that he/she executed the
same of his/her own free will for the purposes therein set forth.

JOANNE A. SMITH
Notary Public in the State of New York
Qualified in Schenectady Co.
No. 01SM5068633
My Commission Expires Nov. 4, 2000

Seal

Joanne A. Smith
(Notary Public)

1/5/99
Date

Richard Louis Frey
Richard Louis Frey

State of NEW YORK) SS:

County of SCHENECTADY)

This 5th day of January, 1999, before me personally came
the above-named Richard Louis Frey to me personally known as the
individual who executed the foregoing assignment, who acknowledged to me that he/she executed the
same of his/her own free will for the purposes therein set forth.

JOANNE A. SMITH
Notary Public in the State of New York
Qualified in Schenectady Co.
No. 01SM5068633
My Commission Expires Nov. 4, 2000

Seal

Joanne A. Smith
(Notary Public)

ASSIGNMENT

Docket Number
RD-26,244

12-1-98

Date

Mark Lewis Grabb

Mark Lewis Grabb

State of NEW YORK) SS:

County of SCHENECTADY)

This 1st day of December, 1998, before me personally came

the above-named Mark Lewis Grabb to me personally known as the individual who executed the foregoing assignment, who acknowledged to me that he/she executed the same of his/her own free will for the purposes therein set forth.

JOANNE A. SMITH
Notary Public in the State of New York
Qualified in Schenectady Co.
No. 01SM508833
My Commission Expires Nov. 4, 2000

Joanne A. Smith
(Notary Public)

Seal

Date

State of _____) SS:

County of _____)

This _____ day of _____, 19____, before me personally came

the above-named _____ to me personally known as the individual who executed the foregoing assignment, who acknowledged to me that he/she executed the same of his/her own free will for the purposes therein set forth.

Seal

(Notary Public)

Date

State of _____) SS:

County of _____)

This _____ day of _____, 19____, before me personally came

the above-named _____ to me personally known as the individual who executed the foregoing assignment, who acknowledged to me that he/she executed the same of his/her own free will for the purposes therein set forth.

Seal

(Notary Public)